

Basics

terraform -help	List available commands.
terraform [command] -help	Show help for specific command.
terraform version	Show installed version.

Formatting

terraform fmt	Format .tf files.
terraform fmt -recursive	Format nested directories.
terraform fmt -check	Check formatting only.
terraform validate	Validate configuration syntax.

Outputs

terraform output	Show output values.
terraform output -json	Show outputs as JSON.
terraform console	Open interactive console.
terraform providers	Show provider requirements.
terraform graph	Generate dependency graph.

Terraform Cloud/HCP Access

terraform login	Store API token locally.
terraform logout	Remove stored credentials.

terraform init

terraform init	Initialize working directory.
terraform init -upgrade	Upgrade providers and modules.
terraform init -reconfigure	Reinitialize backend settings.
terraform init -migrate-state	Move state to new backend.
terraform init -input=false	Disable interactive prompts.

terraform plan

terraform plan	Preview infrastructure changes.
terraform plan -out=[file_name]	Save plan to file.
terraform plan -destroy	Preview changes before running destroy .
terraform plan -refresh-only	Preview state changes without modifying infrastructure.

terraform apply

terraform apply	Apply planned changes.
terraform apply -auto-approve	Apply without confirmation.
terraform apply -var='[variable]=[value]'	Pass inline variable.
terraform apply -var-file='[file_name].tfvars'	Use variable file.
terraform apply -refresh-only	Refresh state without changes.

terraform destroy

terraform destroy	Remove managed infrastructure.
terraform destroy -target=[resource_address]	Destroy one resource.
terraform destroy -auto-approve -input=false	Destroy without prompts.
terraform force-unlock [LOCK_ID]	Remove stuck state lock.

terraform workspace

terraform workspace new [name]	Create new workspace.
terraform workspace list	List workspaces.
terraform workspace select [name]	Switch workspace.
terraform workspace show	Show current workspace.
terraform workspace delete [name]	Delete empty workspace.

terraform state

terraform state list	List tracked resources.
terraform state show [resource_address]	Show resource details.
terraform state mv old new	Rename or move state entry.
terraform state rm [resource_address]	Stop tracking resources.
terraform state pull	Print current state.
terraform state pull > [file_name].tfstate	Save state locally.
terraform state push [file_name].tfstate	Push local state file to backend.
terraform state -replace-provider old new	Replace provider in state.
terraform import [provider_address] [provider_ID]	Import an existing resource.

CI/CD Commands

terraform init -input=false	Initialize without prompts.
terraform plan -out-[tfplan] -input=false	Create and save plan for later step.
terraform apply -auto-approve input=false [tfplan]	Apply saved plan.
terraform destroy -auto-approve -input=false	Destroy resources without prompts.